

**WASHINGTON STATE DEPARTMENT OF HEALTH  
OFFICE OF FOOD SAFETY AND SHELLFISH PROGRAMS**

**ANNUAL GROWING AREA REVIEW**

**PREPARED BY:** Donald Melvin, Environmental Specialist

**AREA:** Westcott Bay

**YEAR ENDING:** December 31, 2005

**CLASSIFICATION:** Approved

**ACTIVITIES IN THE GROWING AREA IN 2005:**

Samples were collected from each station in the growing area 6 times during the year using the systematic random sampling method.

**ANALYTICAL RESULTS OF WATER SAMPLES:**

Table #1 summarizes the results of all samples collected from the area. This summary shows that all stations in the area pass the NSSP water quality standard. Station #6 is of concern due to elevated bacteria levels.

**CHANGE IN ACTUAL POLLUTION SOURCES THAT IMPACT THE GROWING AREA:**

We currently have no information indicating that the area has new sources of pollution.

**CLASSIFICATION STATUS:**

- Well within the classification standards
- Meets standards but some concerns
- Meets standards but threatened with a downgrade in classification
- Fails to meet classification standards

**REMARKS AND RECOMMENDATIONS:**

Table #1 shows that all stations meet the NSSP water quality standards for approved classification and the area is correctly classified. An unnamed stream that enters Westcott Bay between stations #8 and #9 is on the 303D list for fecal coliform.

# TABLE 1

## SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: WESTCOTT BAY

Classification: **Approved,Unclassified**

From **02/21/2001** To **11/16/2005**

### FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
3	Approved	30	1.7 - 33.0	2.3	5.0	Yes
4	Approved	30	1.7 - 79.0	2.3	6.0	Yes
5	Approved	30	1.7 - 350.0	3.1	13.0	Yes
6	Approved	30	1.7 - 2,400.0	3.1	21.0	Yes
7	Approved	30	1.7 - 130.0	3.7	15.0	Yes
8	Approved	30	1.7 - 110.0	2.9	11.0	Yes
9	Approved	30	1.7 - 130.0	2.9	11.0	Yes
10	Approved	30	1.7 - 79.0	2.8	9.0	Yes
1	Unclassified	30	1.7 - 11.0	2.0	3.0	Yes
2	Unclassified	30	1.7 - 49.0	2.5	8.0	Yes
11	Unclassified	30	1.7 - 170.0	3.3	12.0	Yes

All tides information is presented

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.

† All samples have been verified.

